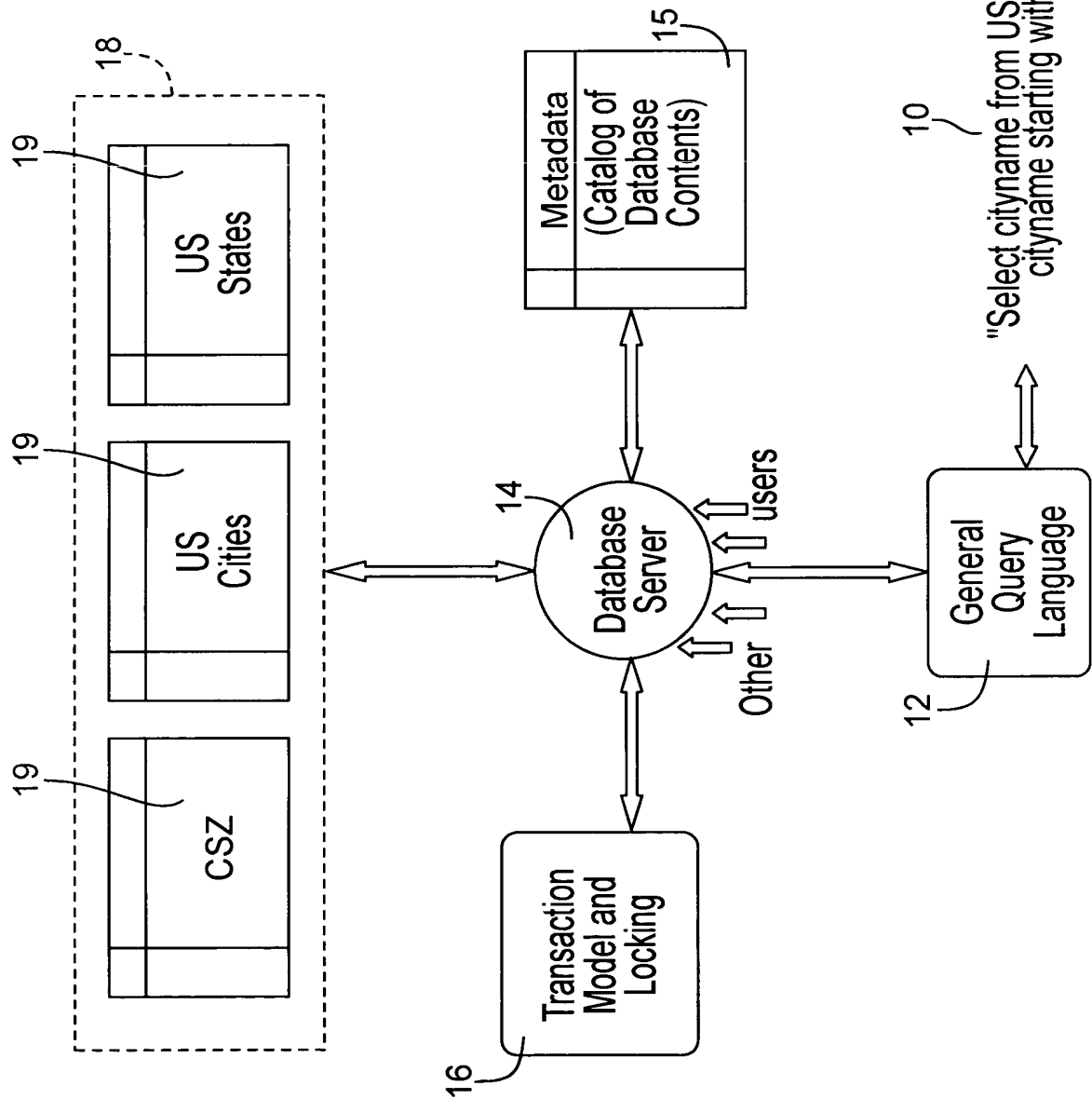
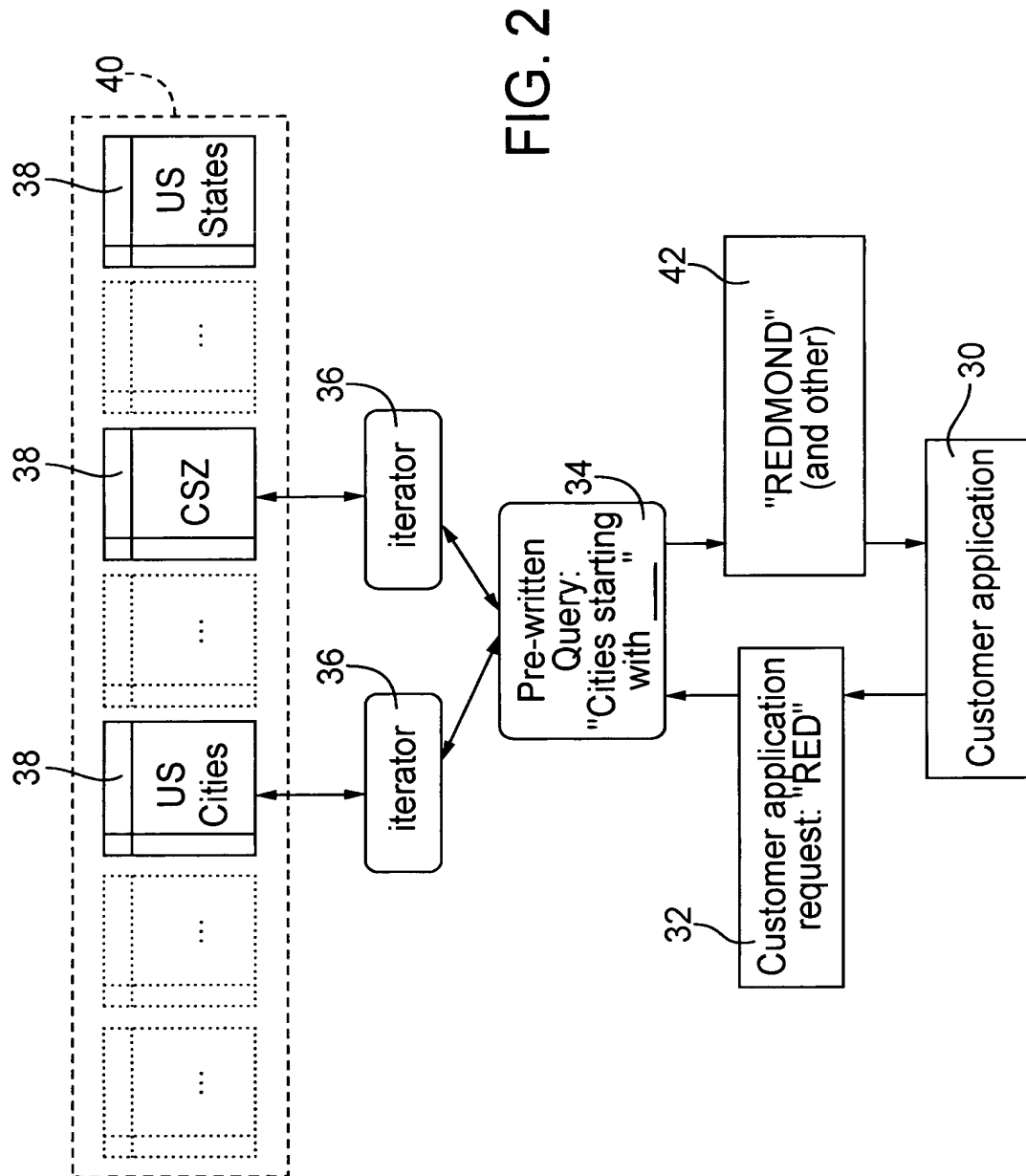


1/19

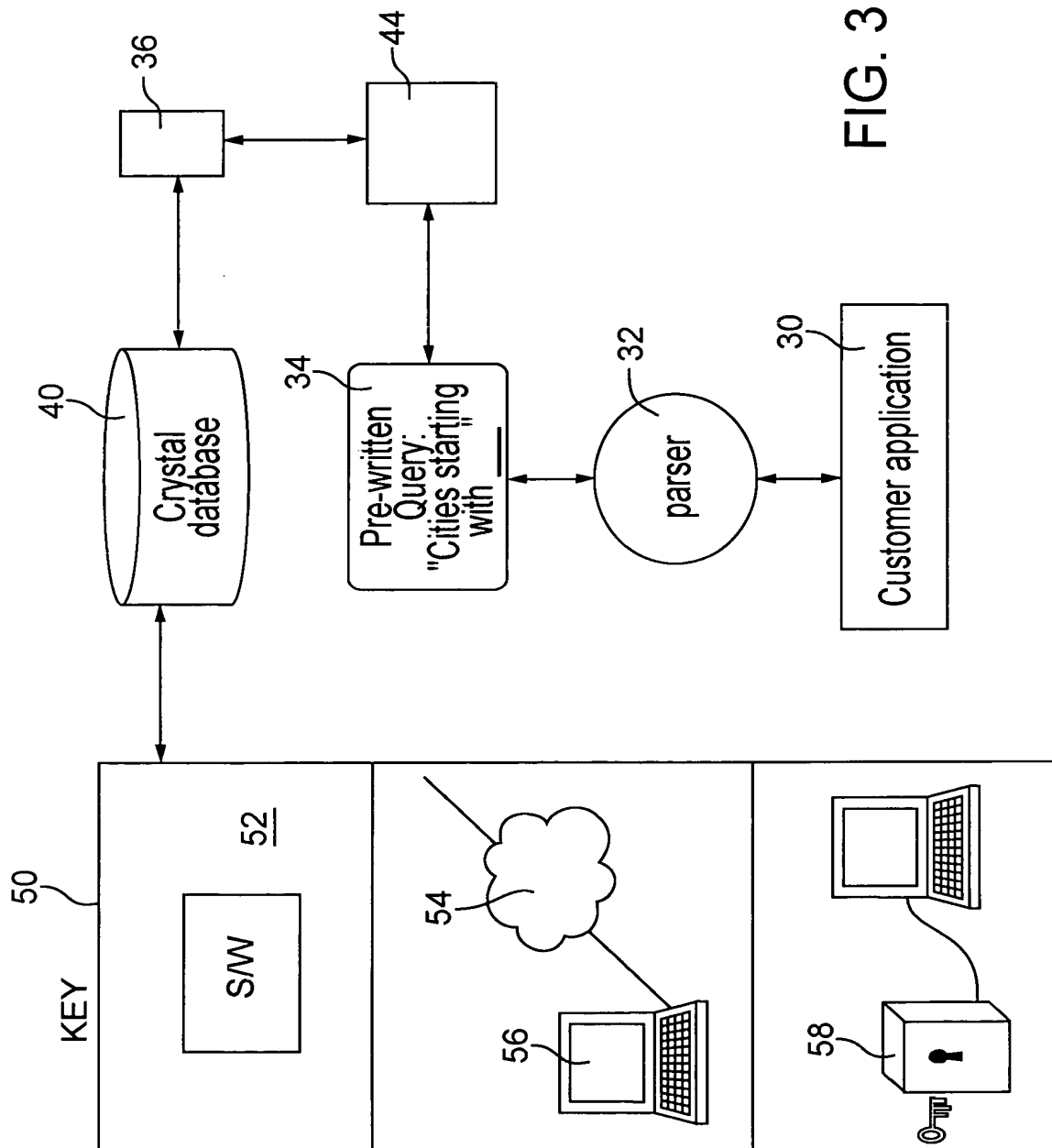
FIG. 1
 (Prior Art)



2/19

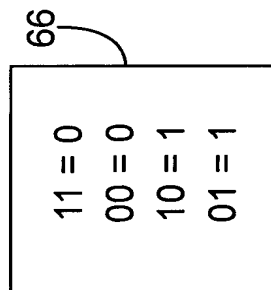


3/19



4/19

Exclusive-OR (XOR) Operations



1100 1110 0111 0011	60
1011 0101 1010 1101	62

0111 1011 1101 1110	64
1011 0101 1010 1101	62

1100 1110 0111 0011	60

FIG. 4

5/19

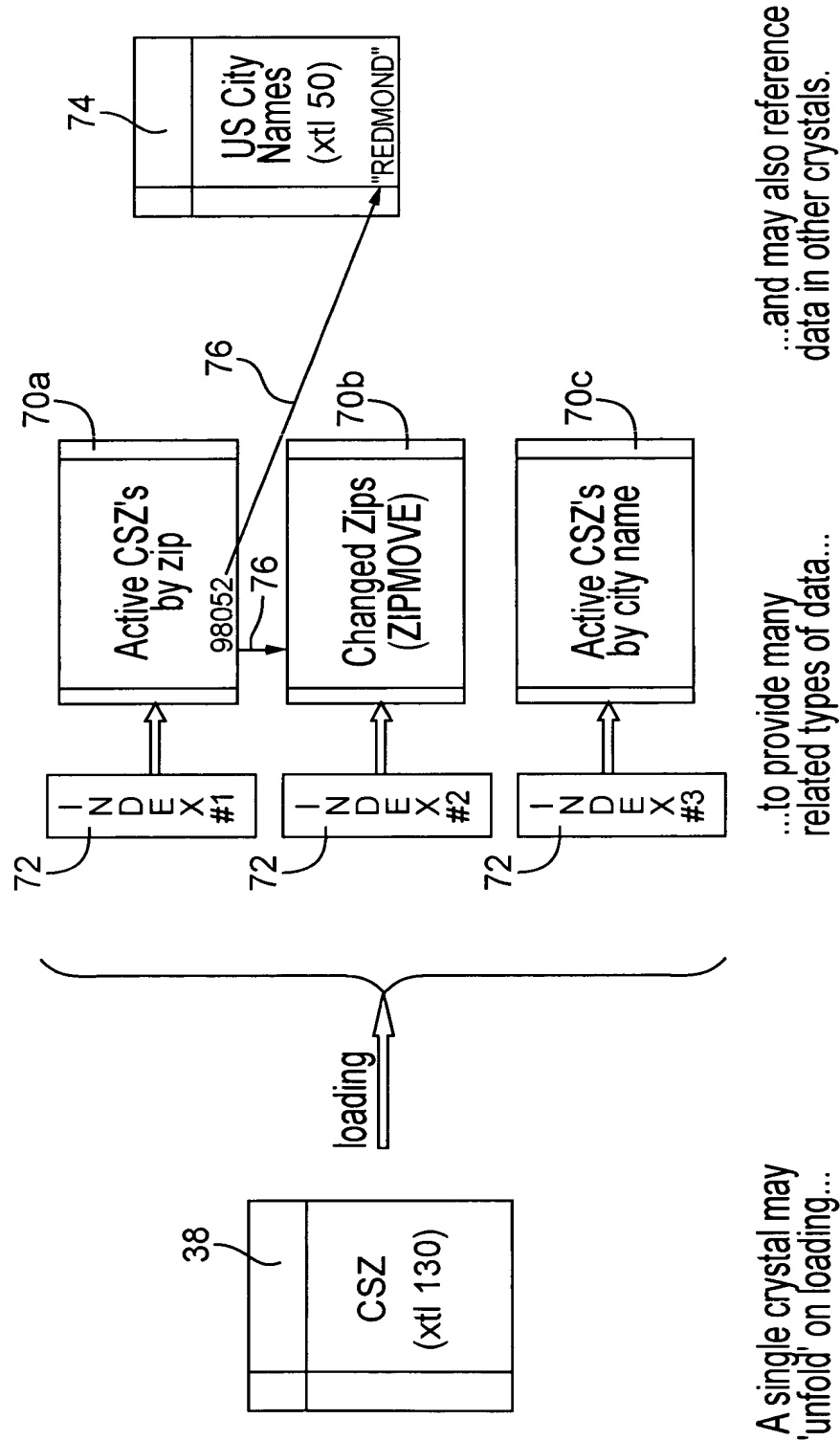


FIG. 5

6/19

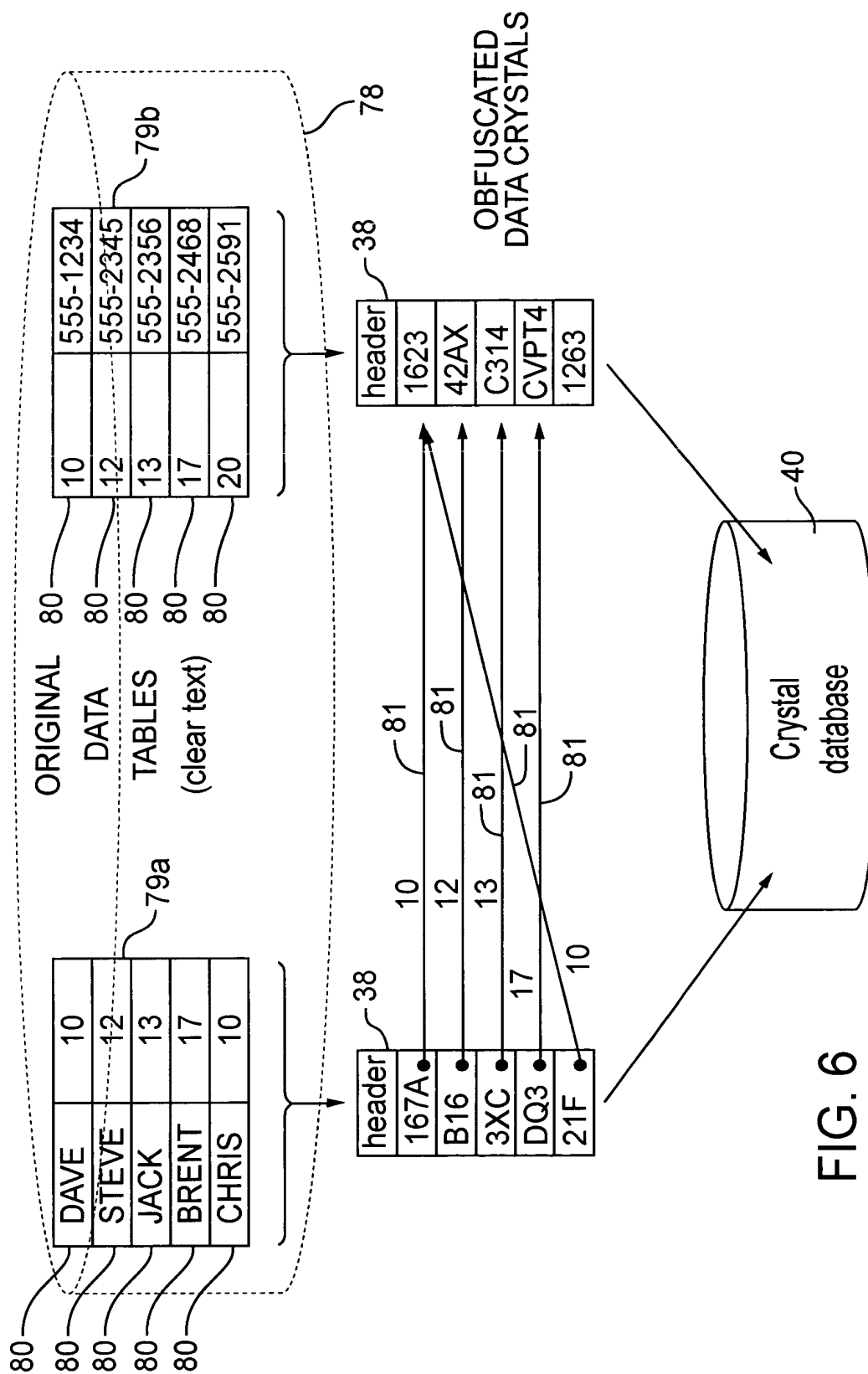


FIG. 6

7/19

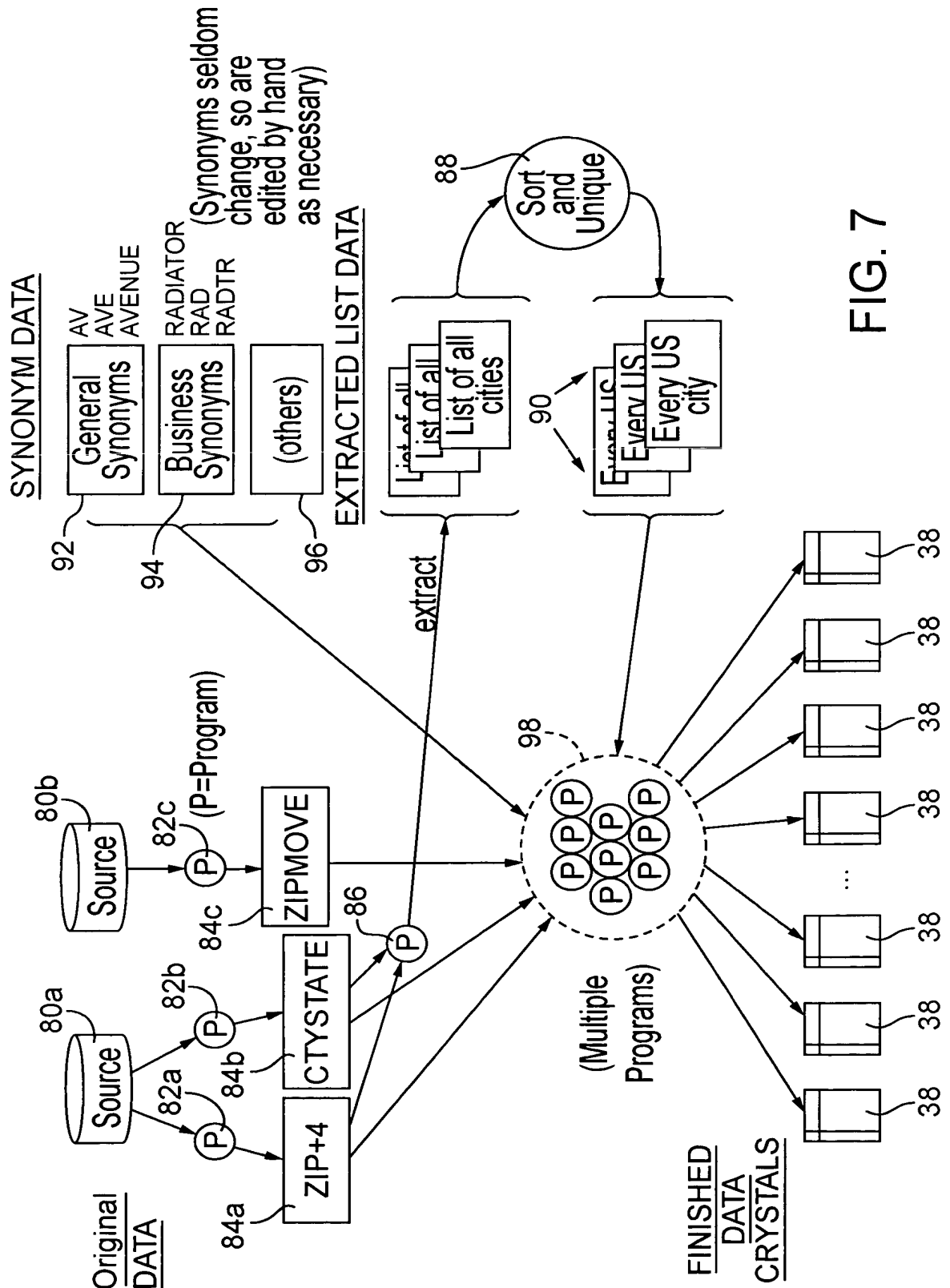
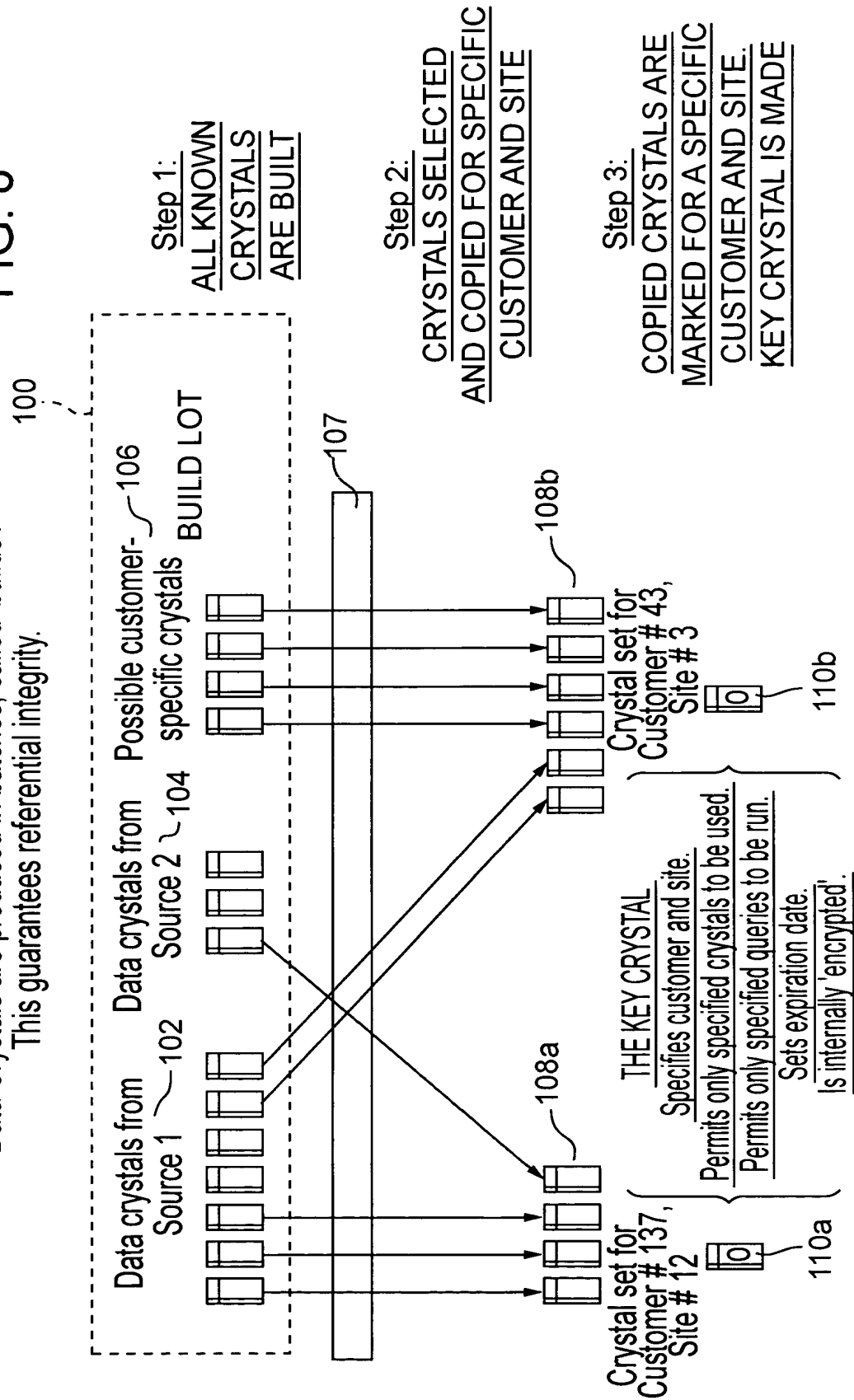


FIG. 7

8/19

FIG. 8

Data Crystals are produced in batches, called 'builds'.
 This guarantees referential integrity.



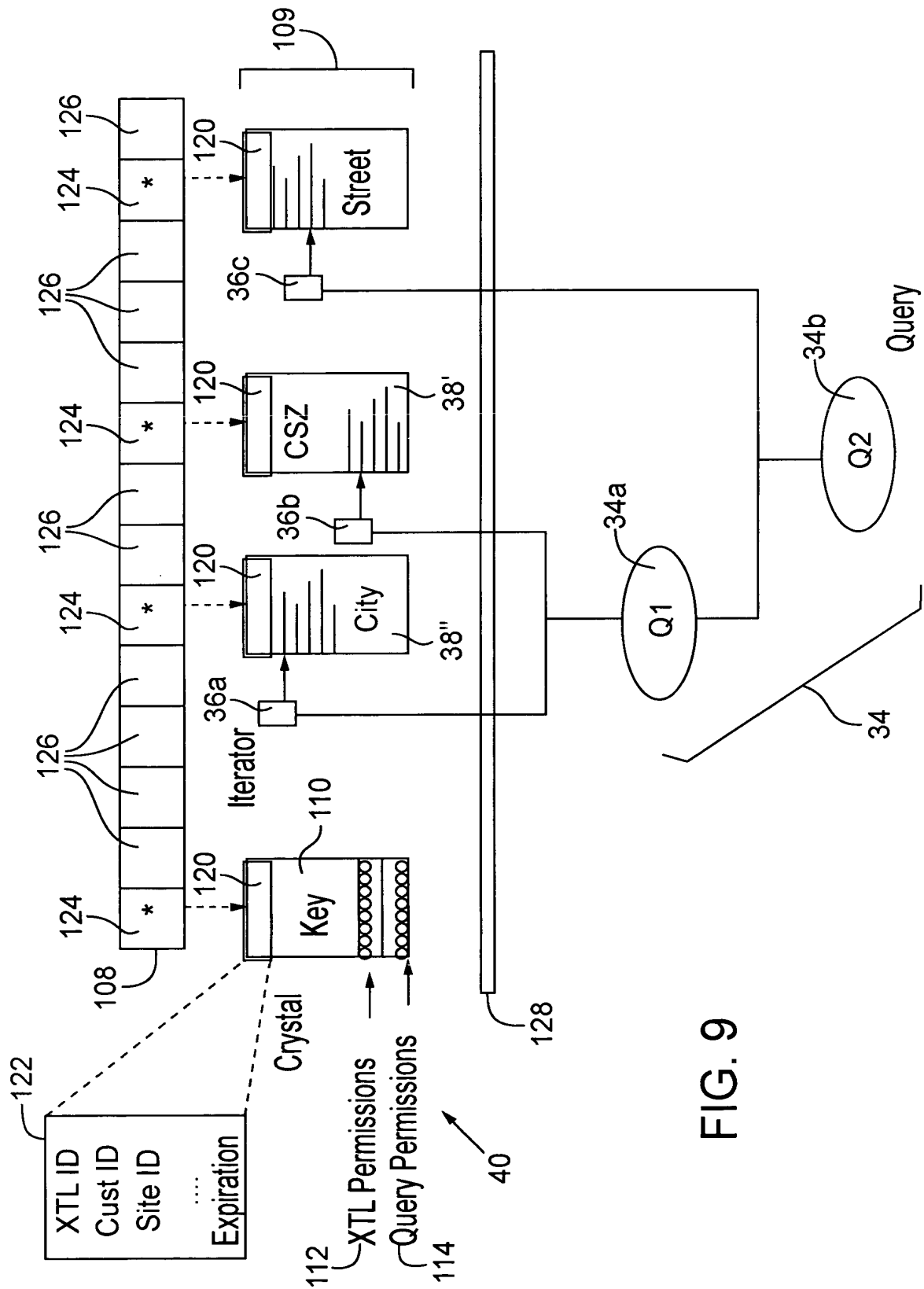
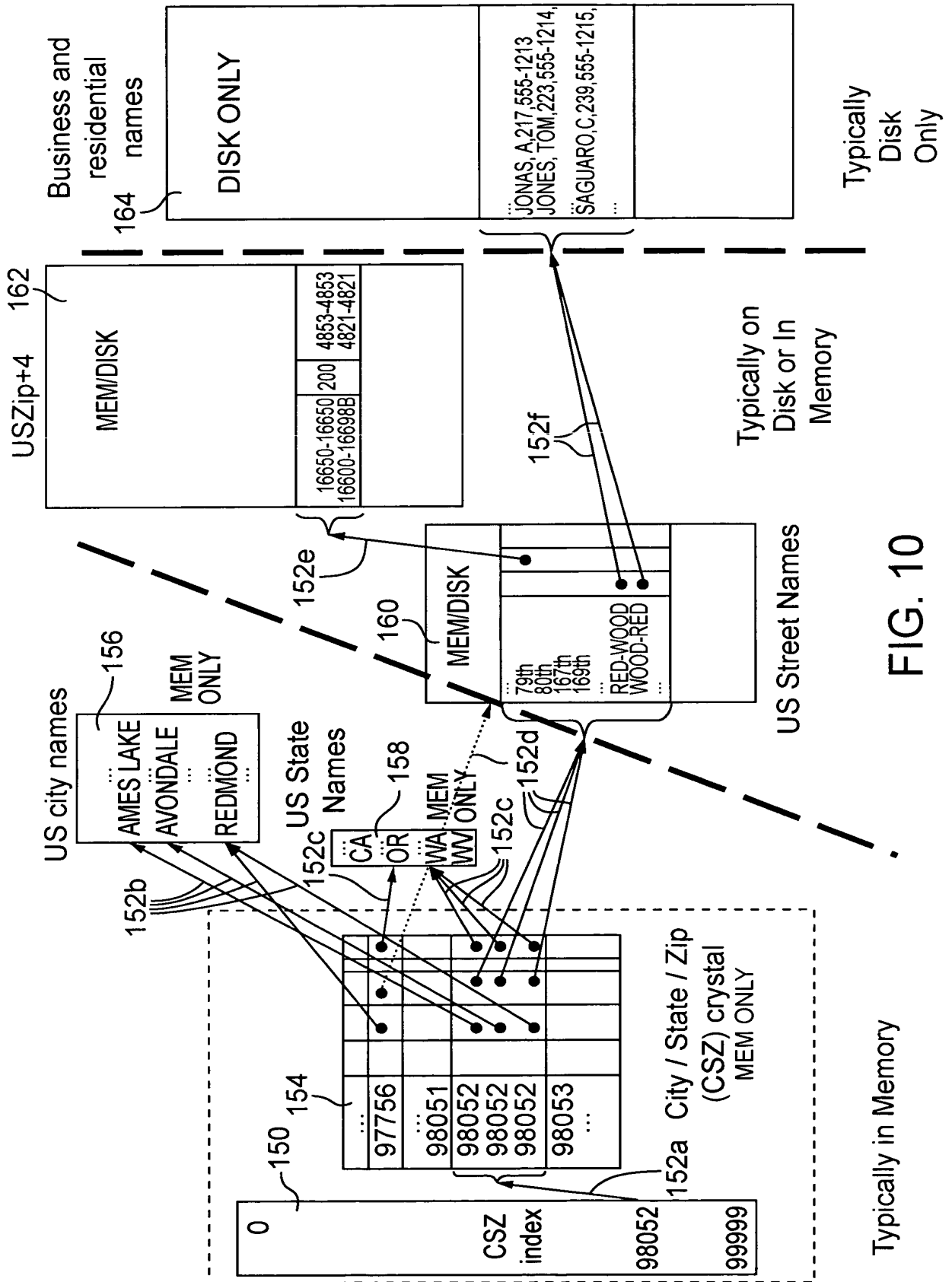


Fig. 9

10/19



11/19

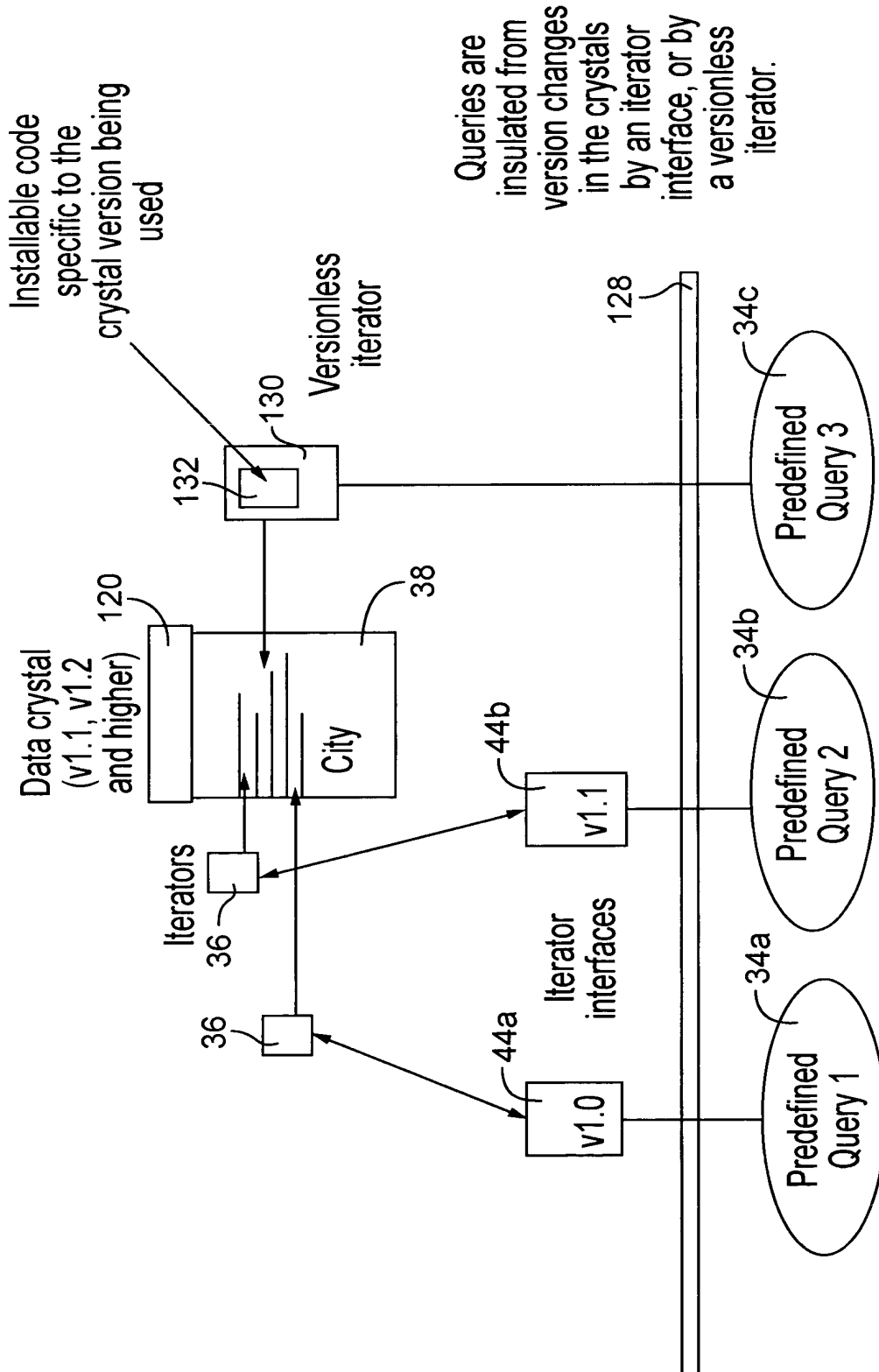
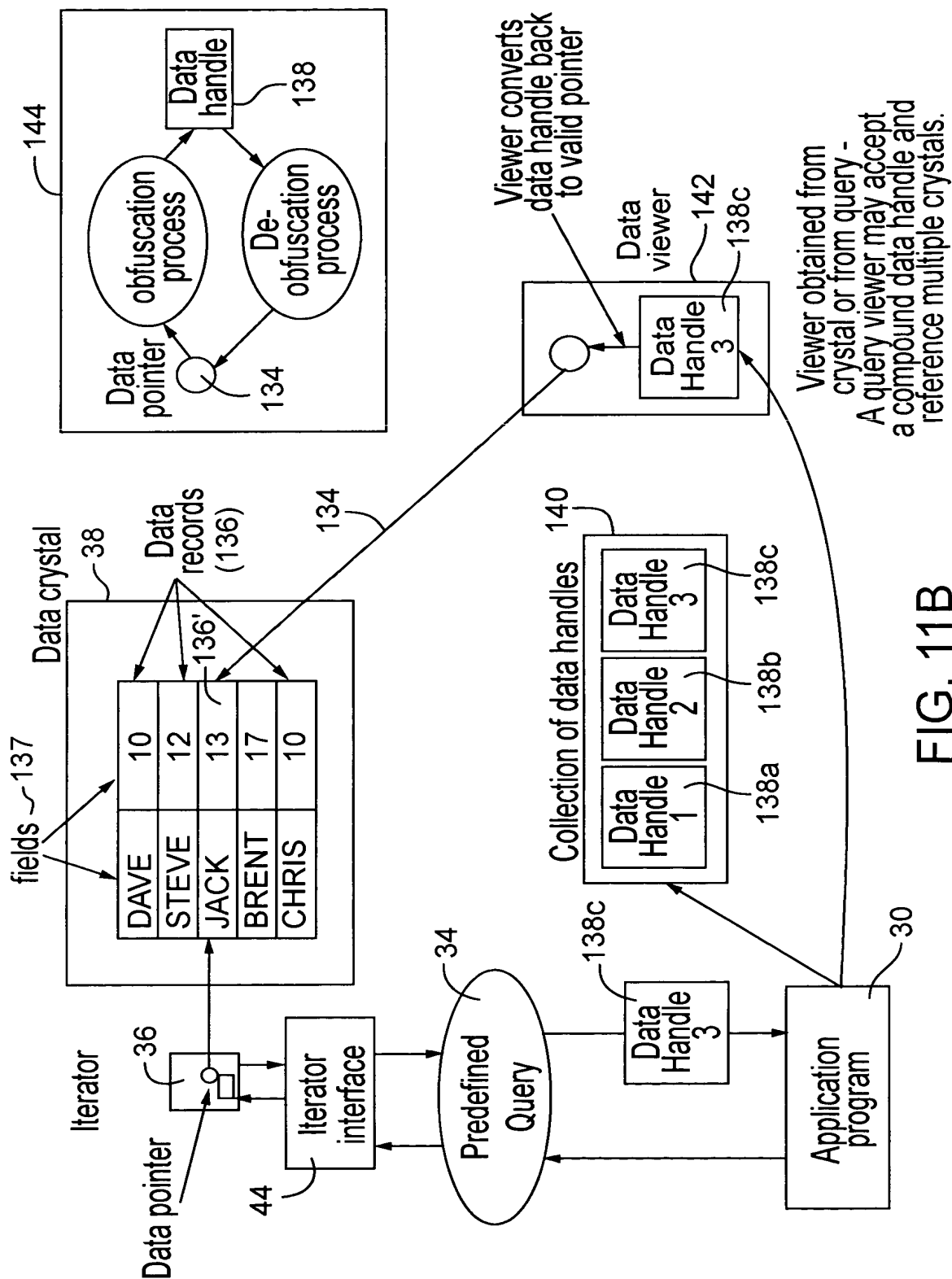


FIG. 11A

12/19



13/19

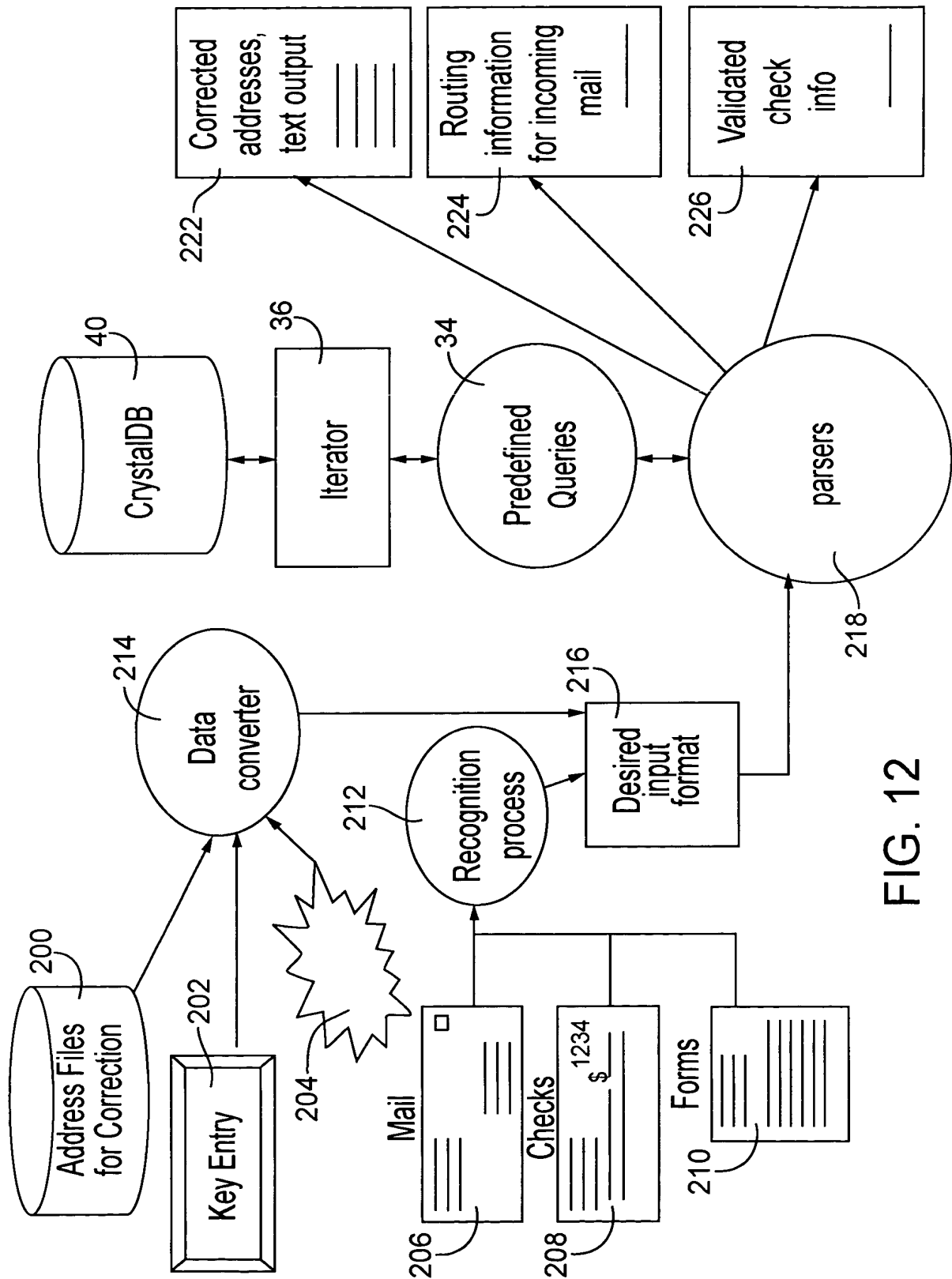
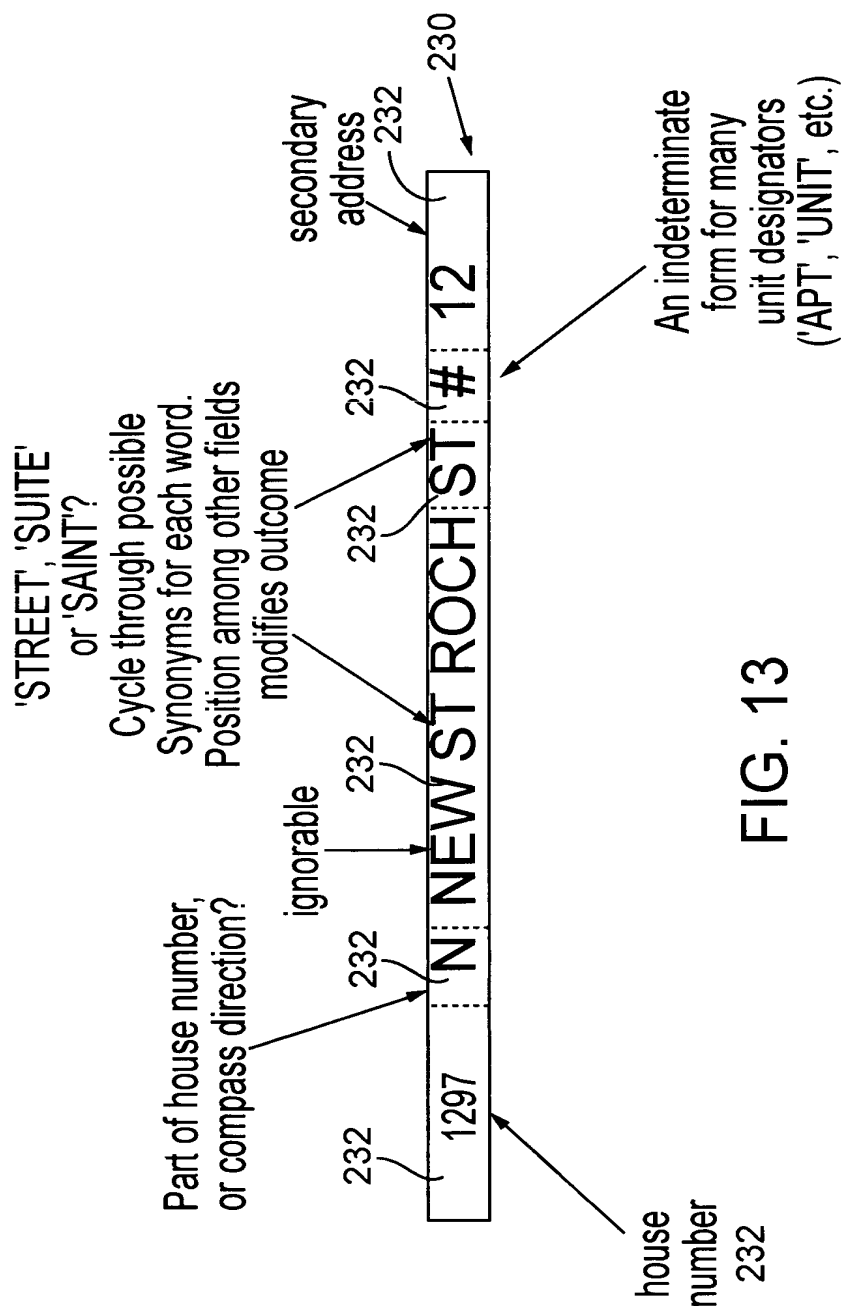


FIG. 12

14/19



15/19

Address parsing is like putting a puzzle together,
 from a box of somewhat broken pieces

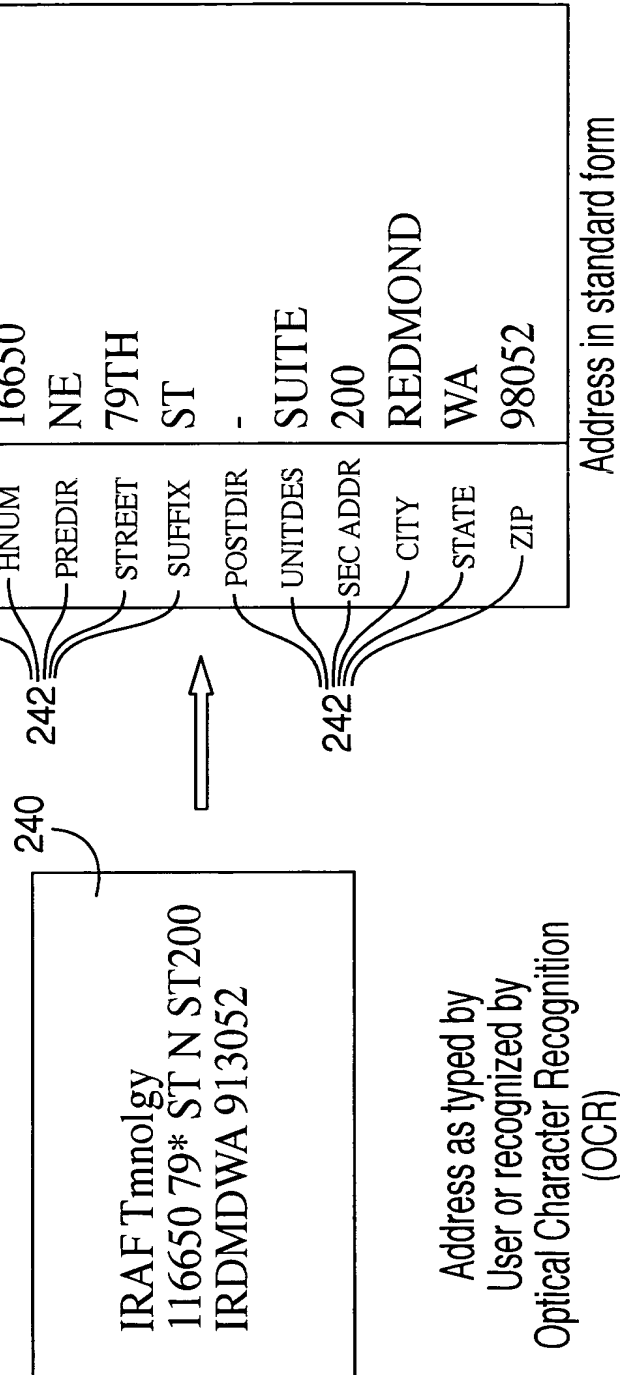


FIG. 14

Address as typed by
 User or recognized by
 Optical Character Recognition
 (OCR)

16/19

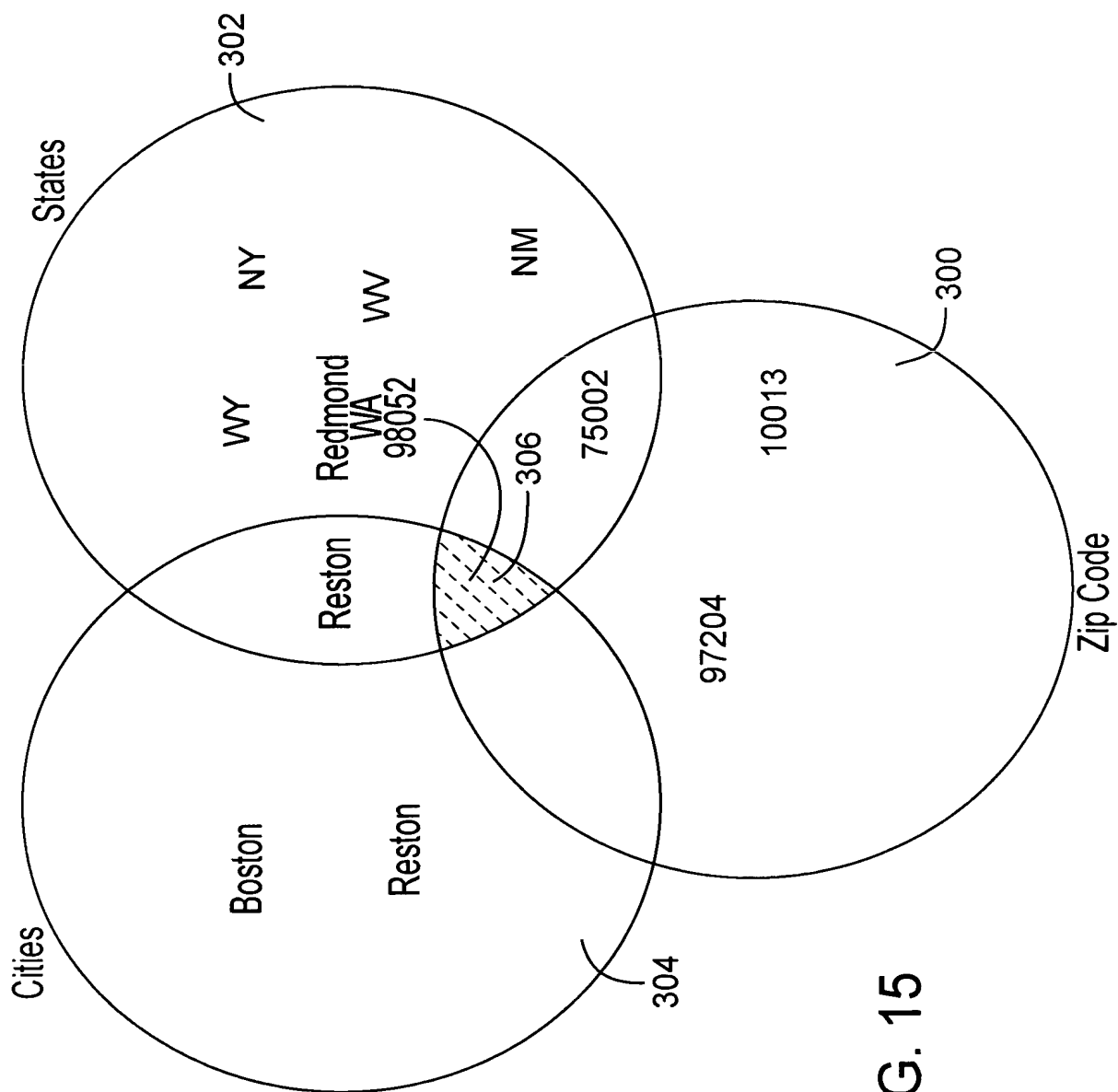
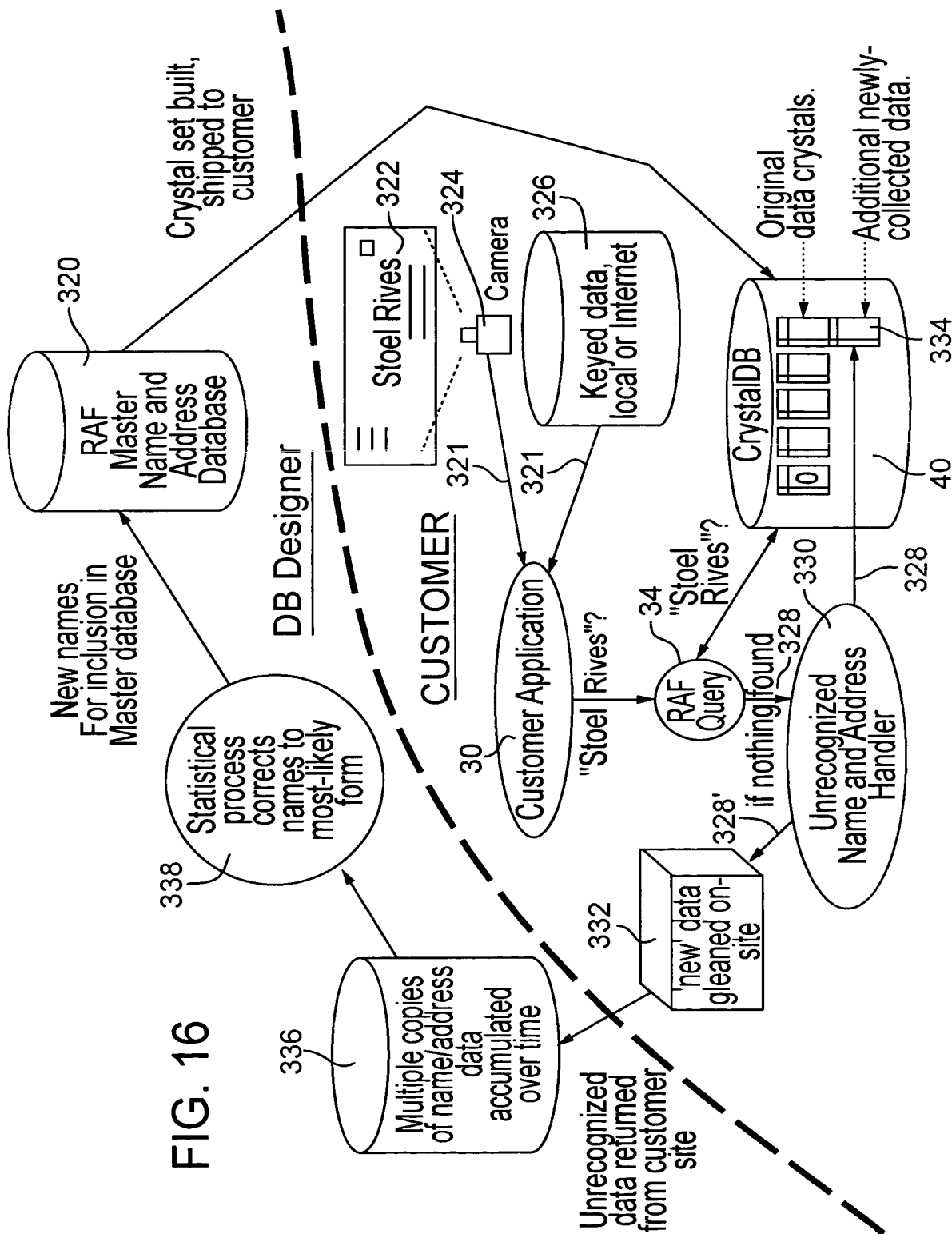
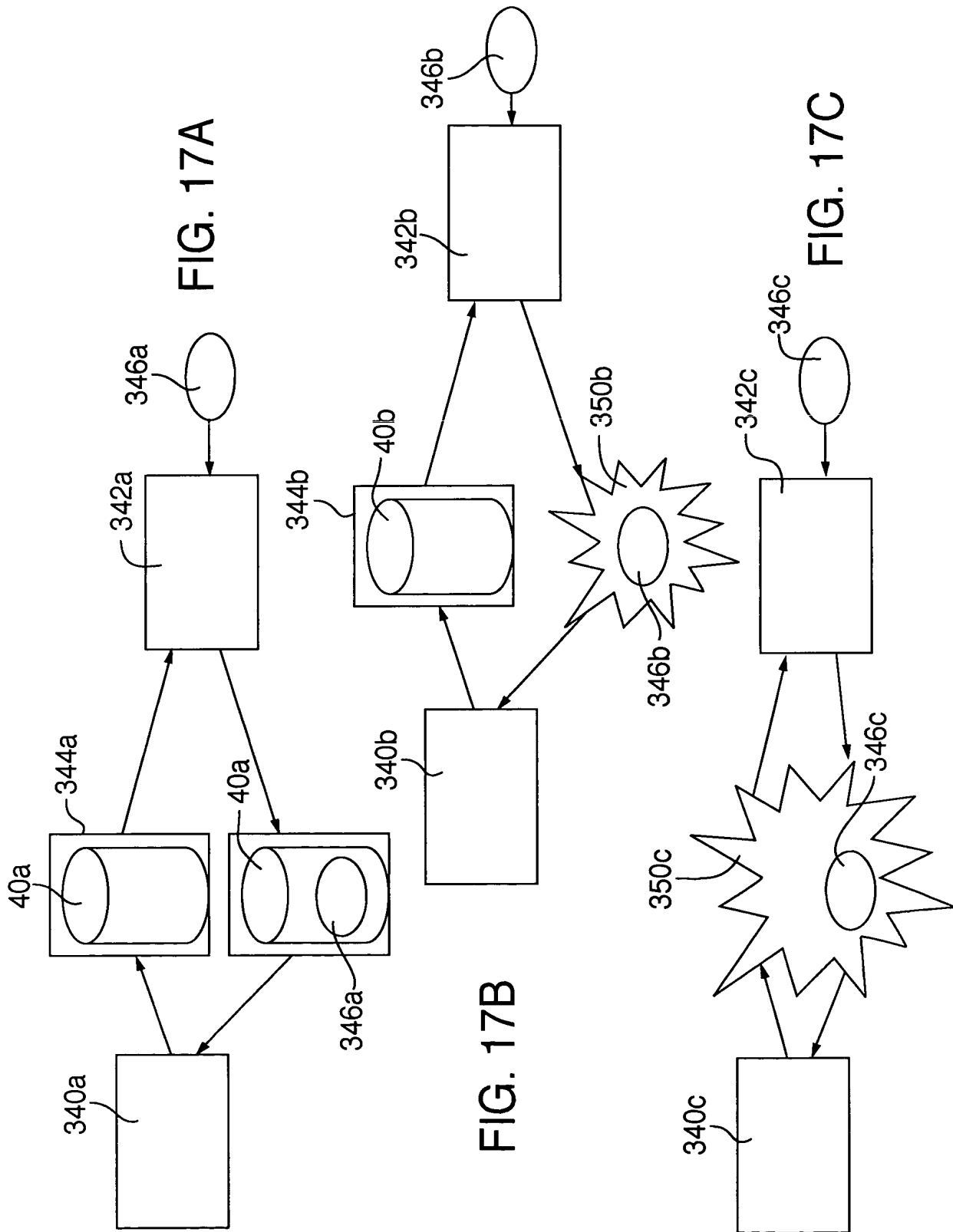


FIG. 15

17/19



18/19



19/19

